

10500625

Rec'd PCT/PTO 30 JUN 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

Rec'd PCT/PTO 30 JUN 2004

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
10 July 2003 (10.07.2003)

PCT

(10) International Publication Number  
WO 03/056760 A1(51) International Patent Classification<sup>7</sup>: H04L 12/28,  
G05B 15/00, G08C 17/02

(21) International Application Number: PCT/DK02/00007

(22) International Filing Date: 3 January 2002 (03.01.2002)

(25) Filing Language: English

(26) Publication Language: English

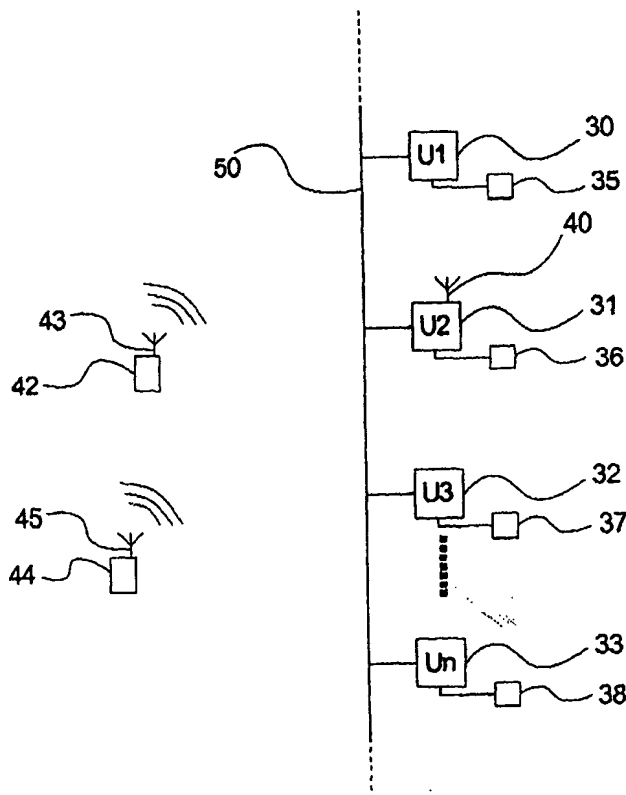
(71) Applicants (for all designated States except US): HOME-  
CONTROL A/S [DK/DK]; Skelstedet 11, Gl. Holte,  
DK-2950 Vedbæk (DK). SOMFY SAS [FR/FR]; 8,  
avenue de Margencel, F-74300 Cluses (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): NIELSEN, Martin,  
Sandal [DK/DK]; Vadgårdsvej 17, DK-6830 Nr. Nebel  
(DK). MOURIDSEN, Erik, Bundsbæk [DK/DK]; VesterBirk 6, DK-6900 Skjern (DK). SØRENSEN, Henning  
[DK/DK]; Kildevej 27, DK-6940 Lem (DK). TREL-  
BORG, Jakob [DK/DK]; Damgårdsvej 2, Sdr. Vium,  
DK-6893 Hemmet (DK).(74) Agent: PATENTGRUPPEN APS; Arosgården, Åboule-  
varden 31, DK-8000 Århus C (DK).(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,  
SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,  
VN, YU, ZA, ZM, ZW.(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR TRANSMISSION OF SIGNALS TO NODES IN A SYSTEM

(57) Abstract: Method of and system for transmitting  
signals, e.g. control signals, request signals,  
interrogation signals etc. to a node in the form of  
a controllable unit associated with a device, e.f. a  
controllable device, measuring means, etc. and wherein  
said controllable unit may be linked to at least one  
further node by means of a communication bus, at  
least one of said nodes comprising radio frequency  
receiving means, said method comprising the steps of  
a) transmitting a signal from a controller, b) reception  
of said signal by at least said node comprising radio  
frequency receiving means, c) detection of at least  
part of said signal indicating a destination node, and  
d) retransmittal of said signal or part of said signal by  
said node comprising radio frequency receiving means  
to said destination node via said communication bus.

WO 03/056760 A1